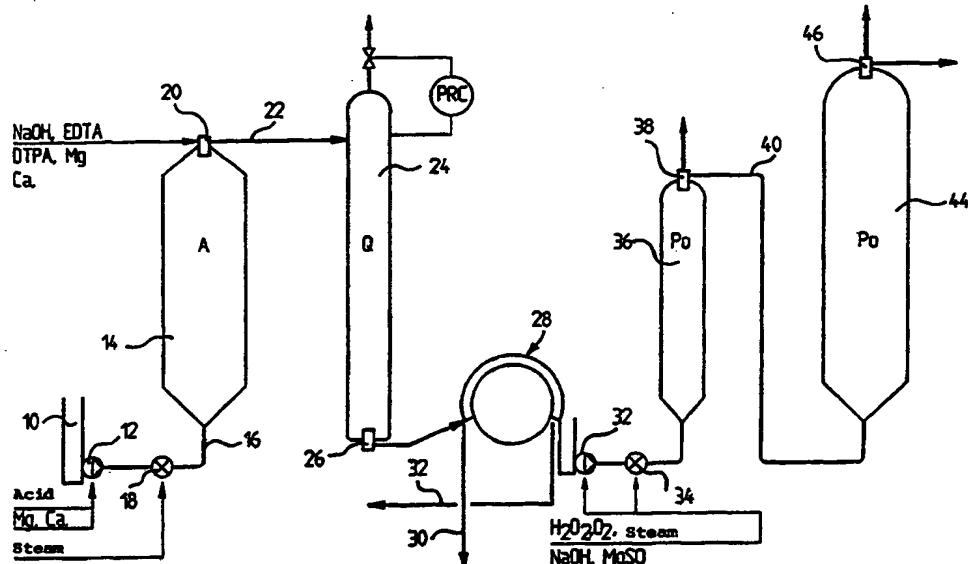


## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> :	A1	(11) International Publication Number:	WO 96/25552															
D21C 9/10, 9/16		(43) International Publication Date:	22 August 1996 (22.08.96)															
(21) International Application Number:	PCT/FI96/00090																	
(22) International Filing Date:	16 February 1996 (16.02.96)																	
(30) Priority Data:	<table> <tr><td>950749</td><td>17 February 1995 (17.02.95)</td><td>FI</td></tr> <tr><td>9502087-1</td><td>7 June 1995 (07.06.95)</td><td>SE</td></tr> <tr><td>953064</td><td>20 June 1995 (20.06.95)</td><td>FI</td></tr> <tr><td>953343</td><td>6 July 1995 (06.07.95)</td><td>FI</td></tr> <tr><td>954407</td><td>19 September 1995 (19.09.95)</td><td>FI</td></tr> </table>			950749	17 February 1995 (17.02.95)	FI	9502087-1	7 June 1995 (07.06.95)	SE	953064	20 June 1995 (20.06.95)	FI	953343	6 July 1995 (06.07.95)	FI	954407	19 September 1995 (19.09.95)	FI
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## (54) Title: METHOD OF PRETREATING PULP TO BE BLEACHED WITH PEROXIDE



## (57) Abstract

The present invention relates to a method of pretreating, by acidification and chelation, of pulp to be bleached with peroxide. Especially, the invention relates to intensifying, and at the same time simplifying the pretreatment required by peroxide bleaching. It is characteristic of the invention to introduce pulp into an acid tower (14, 112) where the pressure is 0 to 20 bar, preferably 1 to 10 bar, and the temperature 75 to 130 °C, preferably 80 to 110 °C, to treat the pulp in acid tower (14, 112) at a pH of 2 to 6, preferably 3 to 4, for 20 to 240 minutes, for decreasing the kappa number by 1-9, preferably 2-6 kappa units, to transfer the pulp from acid tower (14, 112) to a tower (24) of a second treatment stage, to treat the pulp with either a complexing agent at a pH of 4 to 9, preferably 5 to 6, or with an oxidizing chemical such as chlorine dioxide, Caro's acid, peracids or equivalent, and to wash and/or press the pulp.